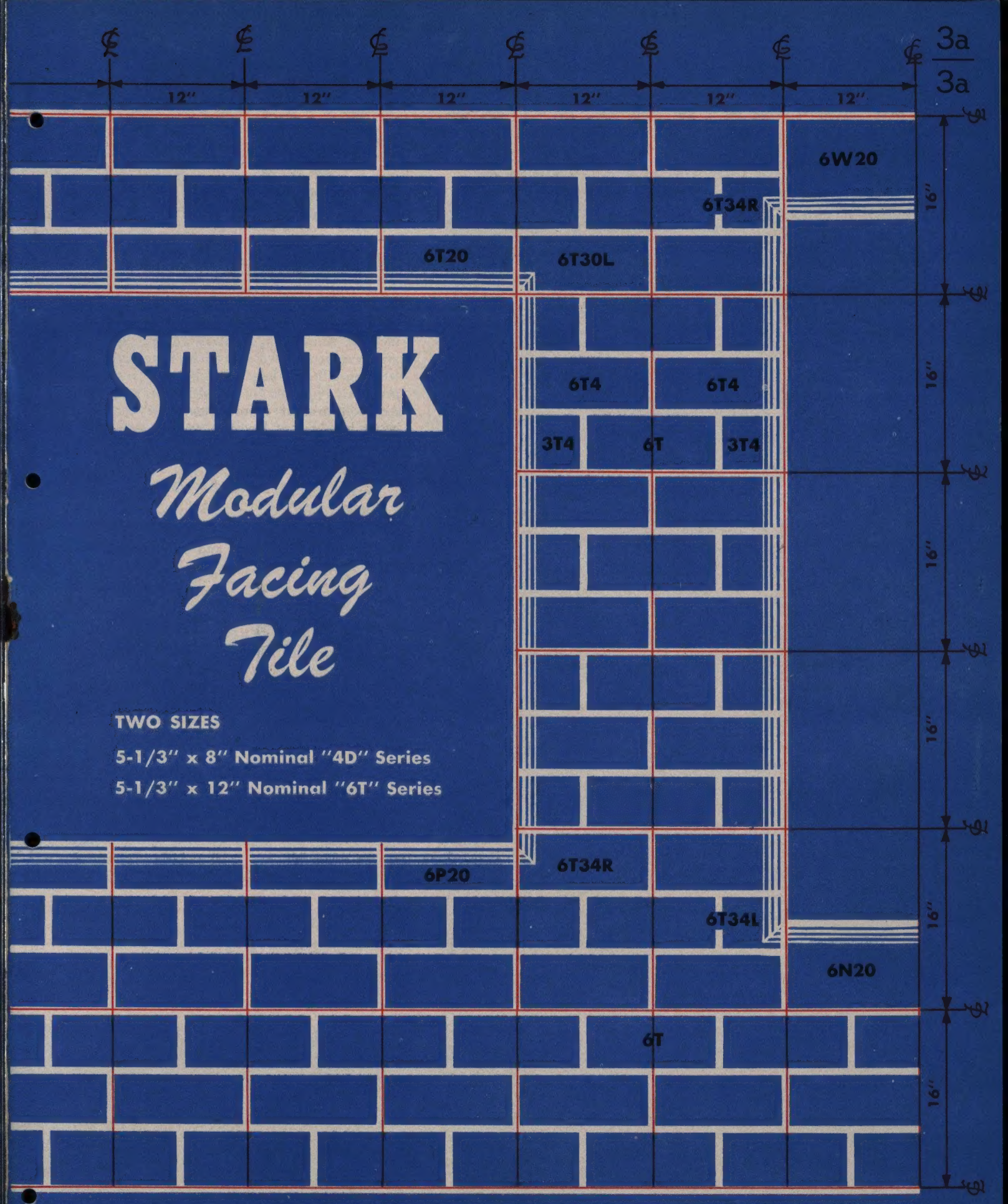


STARK

Modular Facing Tile

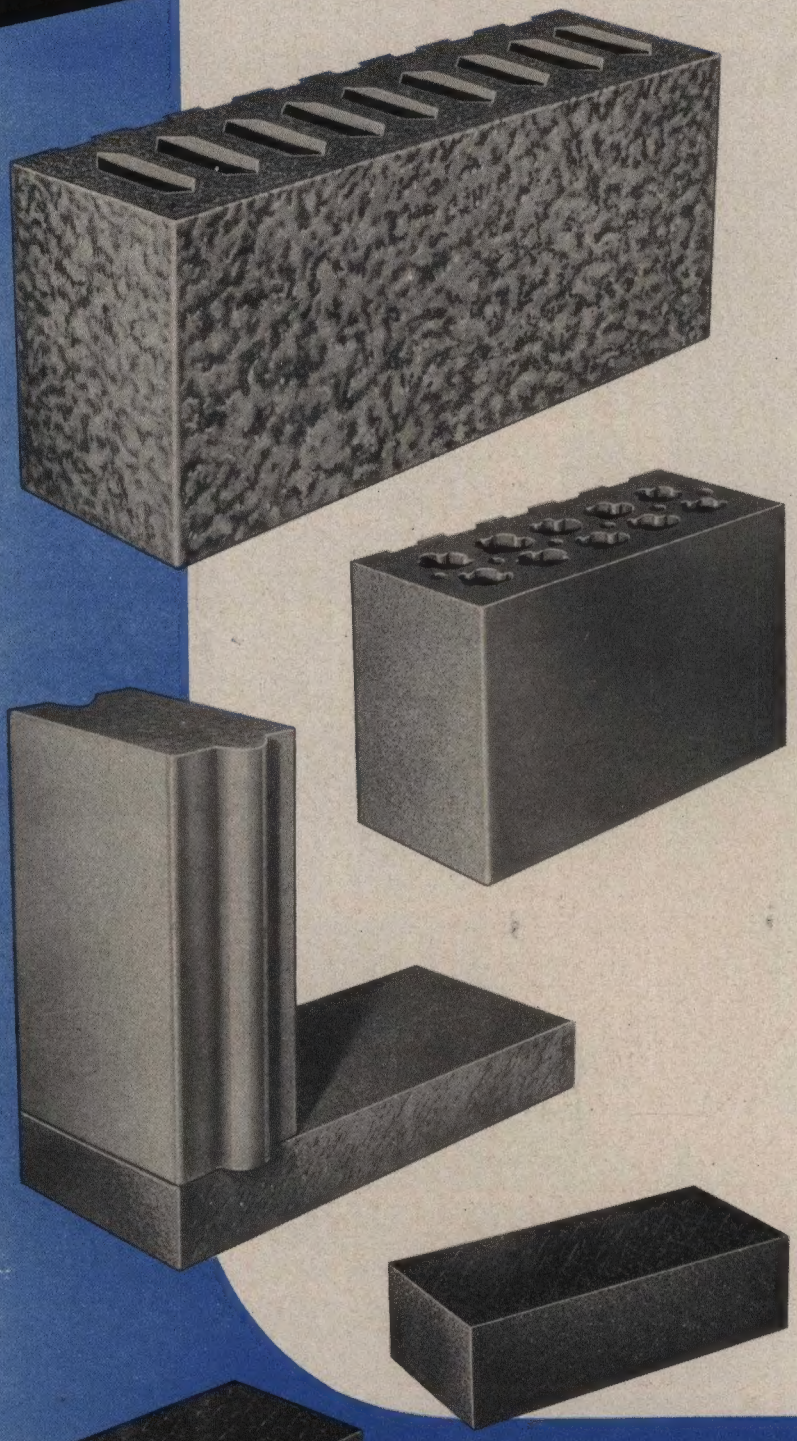
TWO SIZES

5-1/3" x 8" Nominal "4D" Series

5-1/3" x 12" Nominal "6T" Series

4" FLEXIBILITY HORIZONTALLY AND VERTICALLY

STARK *Glazed and Unglazed*



GLAZED WARE

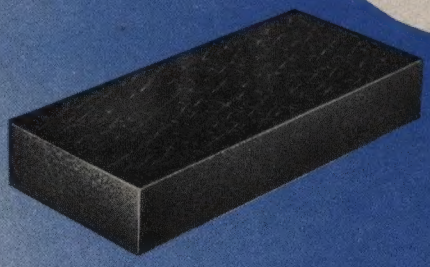
Any Stark Glazed product may be specified for either load-bearing or veneering walls. Beauty, sanitation, durability and low cost of upkeep are inherent features of all Stark Glazes. They will give excellent service in practically any usage when installed in keeping with good construction practice. Produced in modular sizes to give utmost dimensional coordination, thus forecasting better buildings at lower square foot cost by:

1. Elimination of waste labor and materials.
2. Simplifying layout method and reducing drafting time.
3. Reduction in construction time, giving earlier occupancy.
4. Economy in all parts and equipment through better mass production.
5. Greater flexibility in the coordination of various building materials used.

CERAMIC COLORGLAZE — The finest type of glazed ware, impervious, opaque, resistant to acids, will not craze and with low absorption. Many attractive field colors available in both smooth and mottled textures and in satin matt or bright finishes. Black and brown trim shades are also available.

904 GLAZE — A smooth lustrous cream shade in a tinted clear glaze that meets the requirements of most jobs. Lower in cost than Ceramic Glaze, with most of its advantages. We recommend this glaze for all jobs where a special color or finish are not required. The maximum in quality with a minimum of cost, considering all its many advantages.

SALT GLAZE — Produced in one cream-buff shade range for additions to existing work, or where its color and texture is desired. Resistant to crayon and pencil marks and easily cleaned. Not recommended for exteriors.



STARK herewith presents a complete line of glazed and unglazed, facing, flooring and acid resisting products. Stark products have been used with universal satisfaction in all types of construction for over a quarter of a century. No project too large or too small to avail itself of these superior products and the years of experience and service behind them.

These reproductions are indicative of the many textures available in Stark Products.

THE STARK BRICK COMPANY - CANTON, OHIO

Facing and Flooring Products

3a

FLASHTILE

Facing tile units made of light burning, de-aired, fire clay. Burned at high temperatures and chemically treated, it has a creamy-gray color with a slight sheen.

The high degree of vitrification, low absorption and chemical treatment make it very resistant to staining, and it is cleanable with soap and water.

Lighter in weight and lower in cost than glazed ware, these units give an excellent wall where low square foot cost is required.

TESTS

Ceramic and 904 Glaze pass the ASTM autoclave, imperviousness, opacity, chemical resistance and absorption tests. All Stark units meet the load-bearing requirements of Federal, State and Municipal codes. Test data available upon request.

SHAPES AND GRADING

The above products are produced in the nominal face sizes (including mortar joint) of 5⅓" x 8", 5⅓" x 12" and 4" x 12" with nominal bed depths of 4", 2", 6" and 8". Supplementary heights available for meeting course heights and sill heights in modular construction. All are designed for use with ¼" mortar joints and can be used upon either modular or non-modular layouts and for either new construction, remodeling, or additions to existing buildings.

For complete list of shapes available, specifications and grading rules, see the catalog of the Facing Tile Institute in this section.

SANITARY FLOOR BRICK

Stark Floor Brick are made of de-aired plastic fire clay and burned to high temperatures under special conditions, which result in a vitreous monolithic body. The burning process gives a brick with a carbon manganese silica body.

Vertical fibre wire-cut wearing surfaces give maximum anti-skid qualities. This surface, plus hard burning, ensures even wear over the whole surface and will not rut or wear in spots.

The absorption is so low that grease, milk, blood, brines and bacteria will not adhere to the wearing surface. Impervious to all types of acid except hydrofluoric.

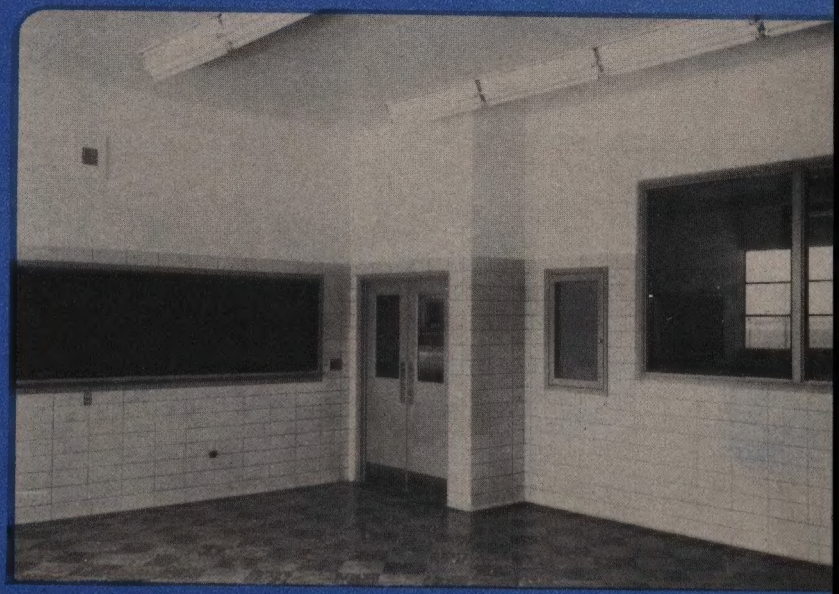
Highly resistant to thermal shock and molten glass; most metals will not adhere to them or break them down.

Produced in 1⅜" and 2¼" bed depths and 4" x 8" face size in Dairy, Packer, Rough Packer and Acid types.

ACID PROOF PRODUCTS

Glazed and Unglazed units for circular, rectangular and cone shaped tanks and for floors. Produced in sizes and shapes to fit most acid construction conditions. Furnished either unglazed or glazed with a heavy, acid resisting glaze upon the surfaces contacting the acids. These materials when properly laid, with the proper type of cement and construction design, should give universal satisfaction in any type of acid resistant work.

Stark Heavy Duty floor brick with a 4" x 8" nominal face and 2¼" bed depth are extensively used for acid resistant work especially where thermal shock or impact are likely to be encountered.



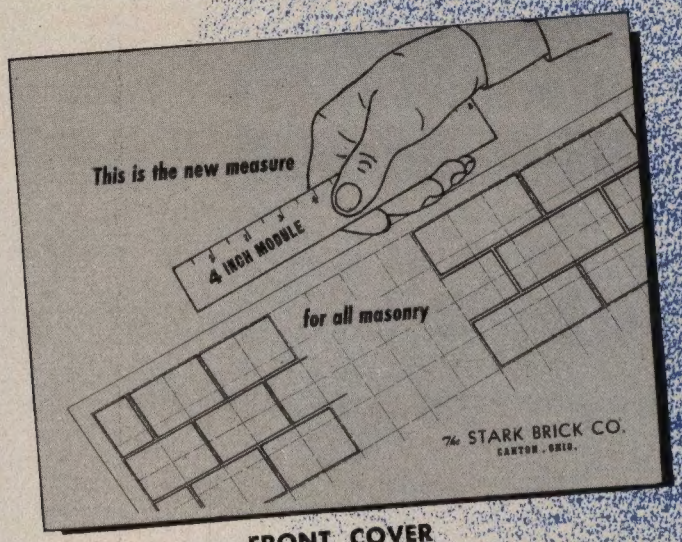
GUARANTEE

The Stark Brick Company guarantees that any ware manufactured by it will conform to the quality standards, tolerances and grading rules established by the Facing Tile Institute. If it can be established within reasonable time, but in no event longer than one year, that any material does not conform to these standards, the Stark Brick Company will replace defective units. The measure of damage after ware has been installed will be the replacement of defective units without charge at the factory, but no charge for labor or other expenses required to repair defective ware or damage occasioned by it will be allowed. This guarantee is expressly in lieu of all other guarantees and warranties expressed or implied and of all other obligations or liability on the manufacturer's part, and the manufacturer neither assumes nor authorizes any other person to assume for him any other liability in connection with the sale of his ware.

In no event will replacement of Off-Grades be made after installation. No replacement will be made of ware chipped on job or after installation.

48 pages of Up-To-The-Minute

INFORMATION ON MODULAR MASONRY



FRONT COVER

Stark's Brochure on Modular Masonry

DO YOU HAVE YOURS?

Furnished to registered Architects upon request.

MODULAR PLANNING — Sometimes called dimensional coordination of materials, may be defined as the dimensioning of building units so that they will fit together and coordinate and also the use of building dimensions consistent with such coordinated sizes.

STANDARD MODULE—After careful consideration and study a 4″ unit has been selected as the standard dimensional increment or module, which affords the maximum practicable standardization and simplification consistent with present standardization and building practice. It is used as a dimensional increment and structural layout unit. The sizes of building products are not, however, required to be exact multiples of the 4″ module.

STANDARD GRID—To effect correlation between building layouts and details and the dimensional coordination of materials, the 4″ module serves as the spacing for a uniform grid to which the building layout and details are referenced. This 4 x 4 grid provides the architect and draftsmen with a simple, convenient and uniform method of referencing and dimensioning drawing and establishing the correlation between the details and the dimensions of the building.

DETAILS—Modular sizes of glazed tile afford 4″ flexibility horizontally and vertically. Most door and window dimensions are multiples of 8″ vertically and 4″ horizontally, consequently the windows would be on an exact grid.
The drawing SM-9 as shown on the back cover shows the wall section for 5 different types of windows:

1. Removable architectural steel.
2. Double hung steel.
3. Heavy duty hung steel.
4. Wood.
5. Glass block.

This detail shows the relationship of the window openings with the grid lines. Either for 4D or 6T Series.

PURPOSE — Stark's Brochure was prepared to assist the architect and builder in realizing the economies which result from the use of Modular Facing Tile. These economies derive not only from the efficiency of the field installations but also from the simplicity of layout for the building designer. Through the use of this brochure, proper procedure and information in detail, the architect can select dimensions which permit the tile to be installed with the desired appearance and maximum economy.

SILL AND LINTEL SCHEDULE

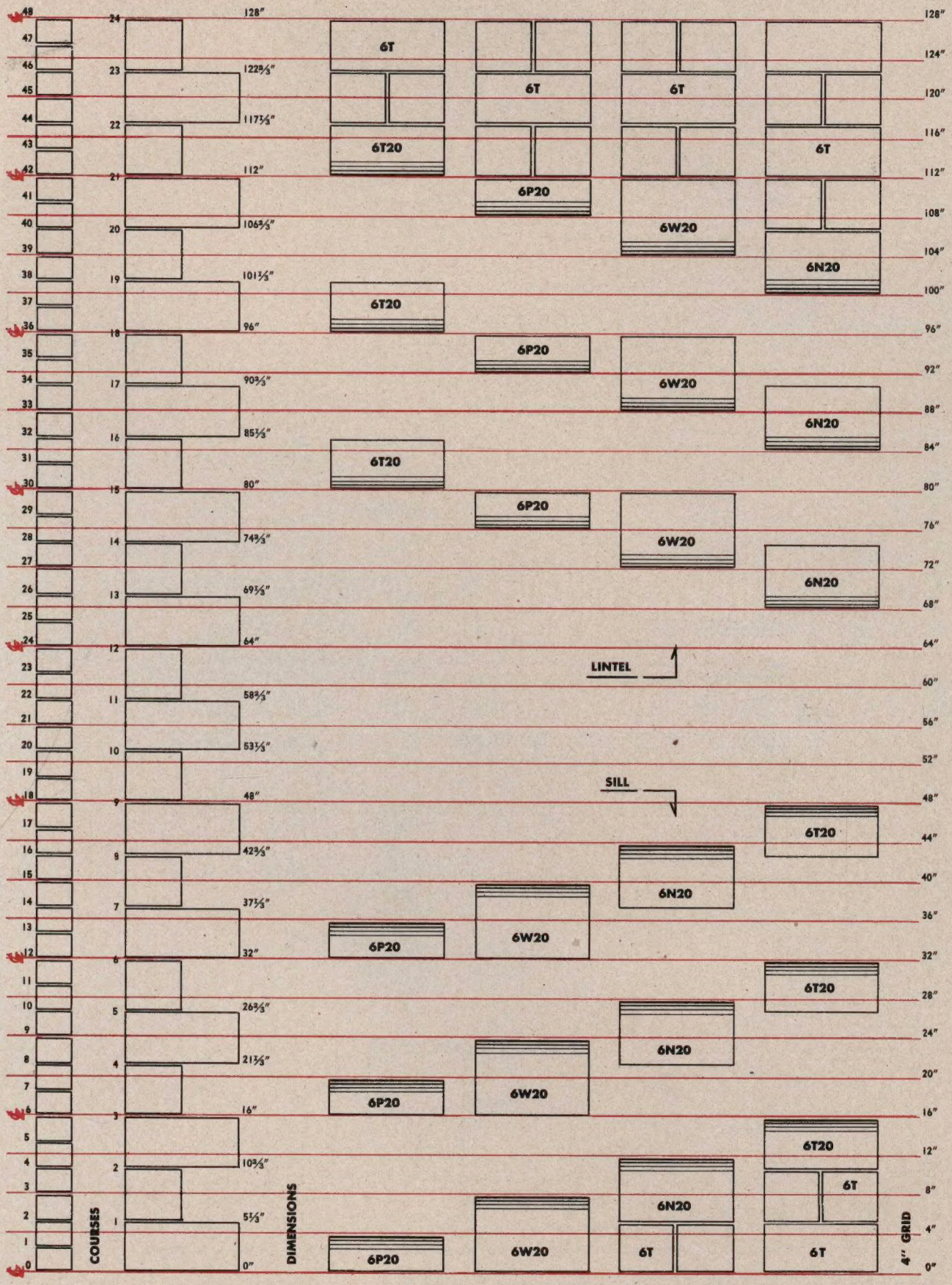
When glass block or wood windows are used, the Lintel and Sill Units are placed on the grid.
For steel windows the next smaller sill unit is used on the sill which is located $1\frac{7}{16}$″ below the grid line. All four sill units $3\frac{3}{4}$″ h., $5\frac{1}{16}$″ h., $6\frac{3}{8}$″ h. and $7\frac{3}{4}$″ h. can be placed to give approx. $1\frac{7}{16}$″ clearance below the grid. For example: if bottom of steel window would fall on 48″ high grid where 6T20 Sill is ordinarily used, the proper sill unit is 6P20 $3\frac{3}{4}$″ high.

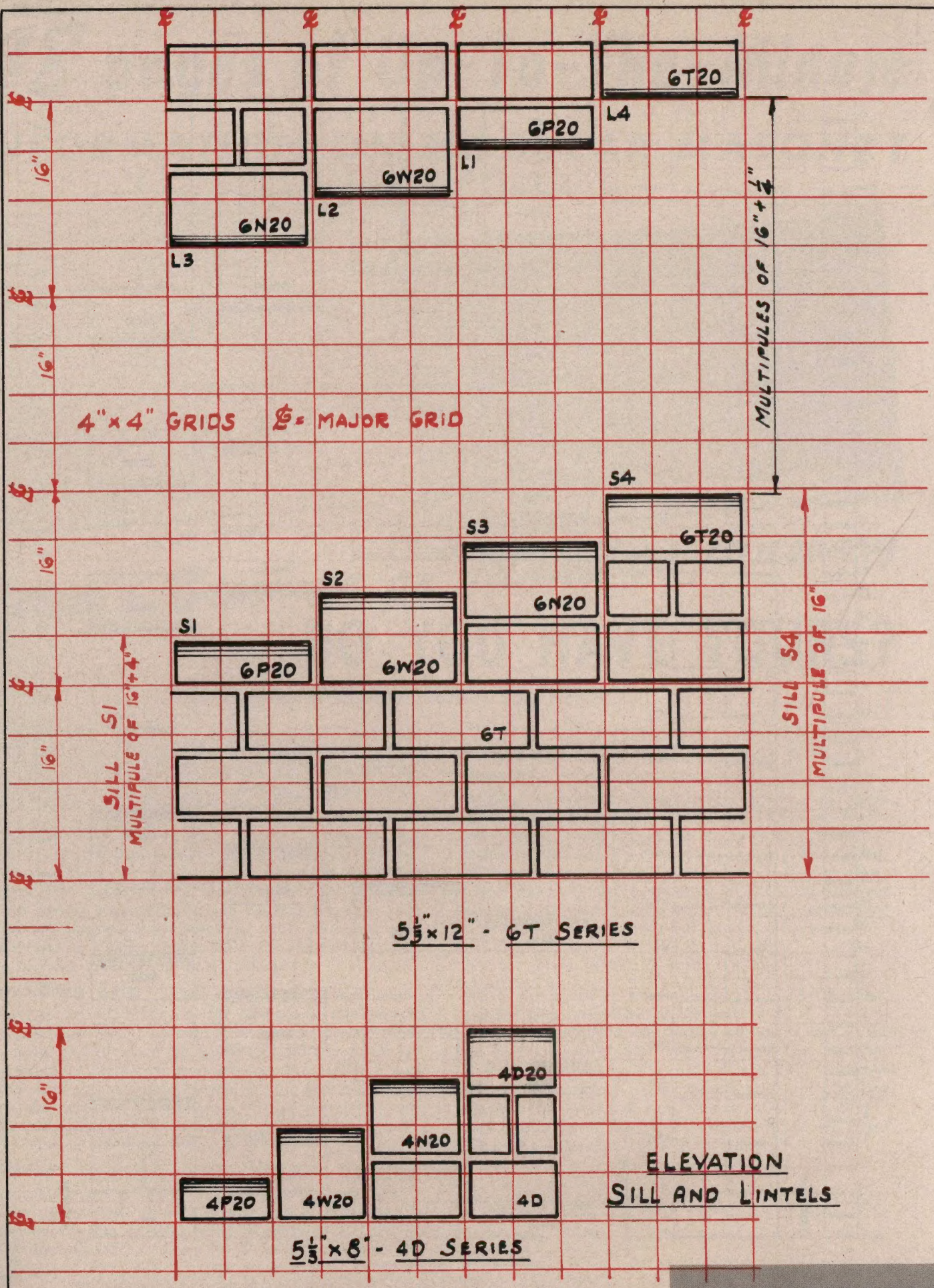
REMOVABLE STEEL WINDOWS

On jobs where removable windows are specified 2″ recess at jambs, $2\frac{3}{16}$″ at lintel and $1\frac{7}{16}$″ recess at sill must be maintained. Details covering these conditions will be furnished upon request.

VERTICAL COURSING TABLE

For $5\frac{1}{16}$″ high material:
3 courses in 16″
6 courses in 16″ (exterior).


COURSES
DIMENSIONS
4" GRID
128"
122⅔"
117⅓"
112"
106⅔"
101⅓"
96"
90⅔"
85⅓"
80"
74⅔"
69⅓"
64"
58⅔"
53⅓"
48"
42⅔"
37⅓"
32"
26⅔"
21⅓"
16"
10⅔"
5⅓"
0"
6T
6T20
6P20
6W20
6N20
LINTEL
SILL



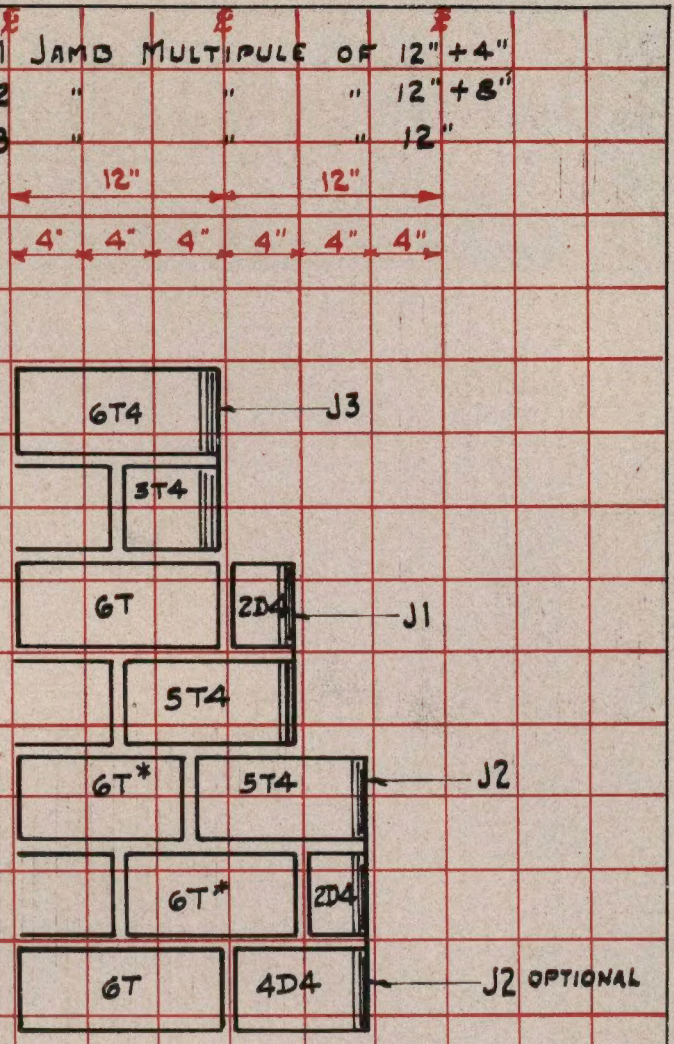
THE STARK BRICK

*INDICATES CUT UNIT.

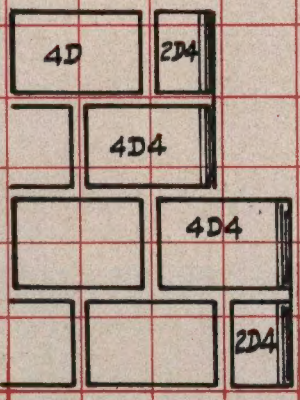
3a
3a

SECT. THRU
S4 & L4

J1 JAMB MULTIPULE OF 12"+4"
J2 " " " 12"+8"
J3 " " " 12"



5⅓"x12" - 6T SERIES



5⅓"x8" - 4D SERIES

4" FLEXIBILITY HORIZONTALLY

ELEVATION
JAMBS J1-J2-J3

KEY DETAILS 5⅓x8 & 5⅓x12 SERIES
COMBINATION OF SILL-LINTEL & JAMBS
THE STARK ENGINEERING CO.—CANTON, OHIO

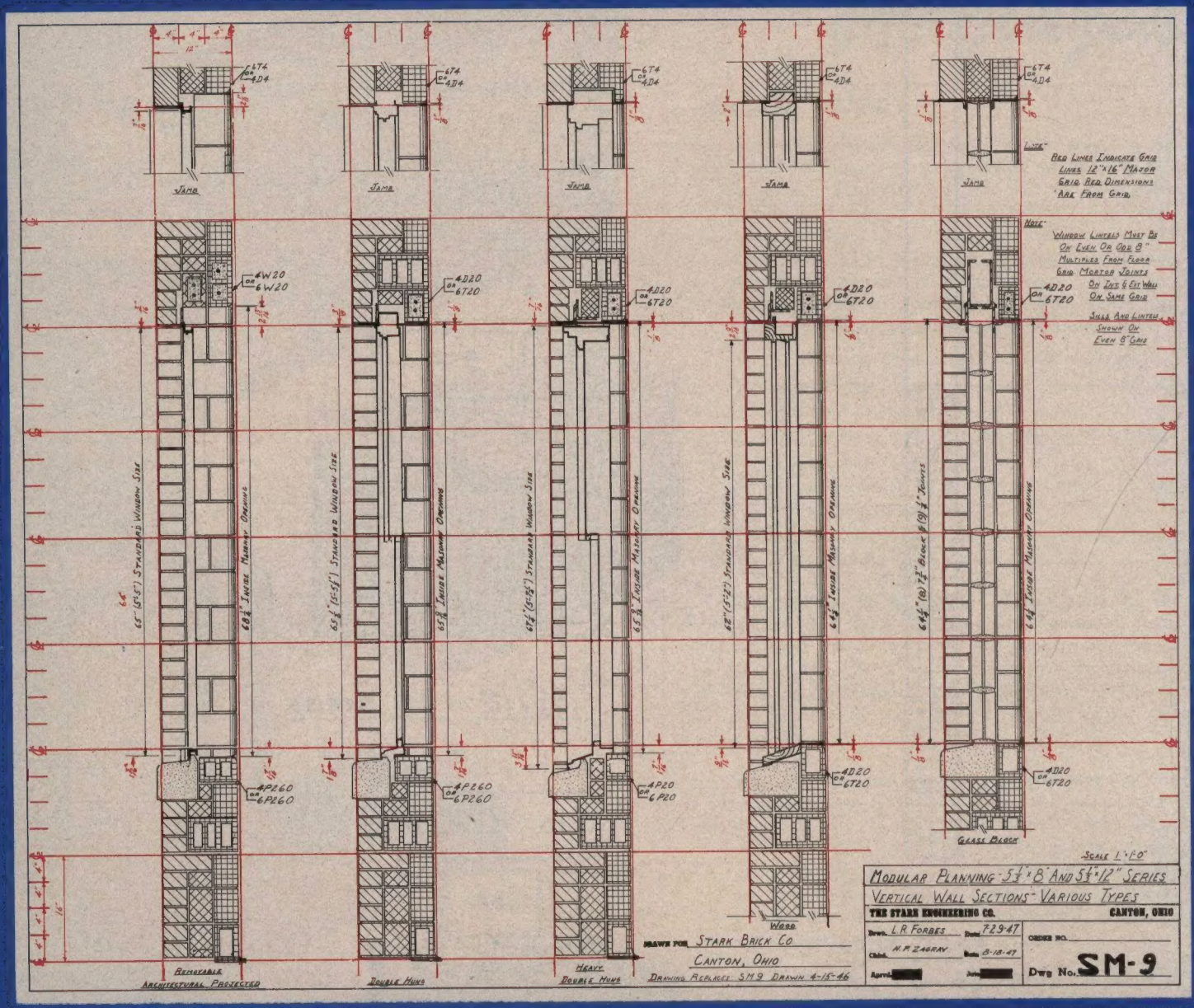
COMPANY - CANTON, OHIO

Drwn. ZACRAY Date 10-3-46
Chkd. " Date "
Aprvd. [redacted] Date [redacted]

Order No. _____
Dwg. No. SM-2

3000 Leading Architects have made a Personal Request for – – – – – –

Stark's Brochure on Modular Masonry


JAMB
RED LINES INDICATE GRID LINES 12"x16" MASTER GRID. RED DIMENSIONS ARE FROM GRID.
NOTE- WINDOW LINTELS MUST BE ON EVEN OR ODD 8" MULTIPLES FROM FLOOR GRID. MORTOR JOINTS ON INT. & EXT. WALL ON SAME GRID
SILLS AND LINTELS SHOWN ON EVEN 8" GRID
GLASS BLOCK
SCALE 1"=1'-0"
MODULAR PLANNING- 5⅓"x8" AND 5⅓"x12" SERIES
VERTICAL WALL SECTIONS- VARIOUS TYPES
THE STARK ENGINEERING CO. CANTON, OHIO
DRAWN FOR STARK BRICK CO
CANTON, OHIO
DRAWING REPLACES SM9 DRAWN 4-15-46
Dwg No. SM-9
REMOVABLE ARCHITECTURAL PROJECTED
DOUBLE HUNG
HEAVY DOUBLE HUNG

The above drawing SM9 is typical of the details shown in the brochure covering many phases of construction and various special conditions which normally exist on each job. This drawing is a reduction of a standard 11" x 14" drawing.

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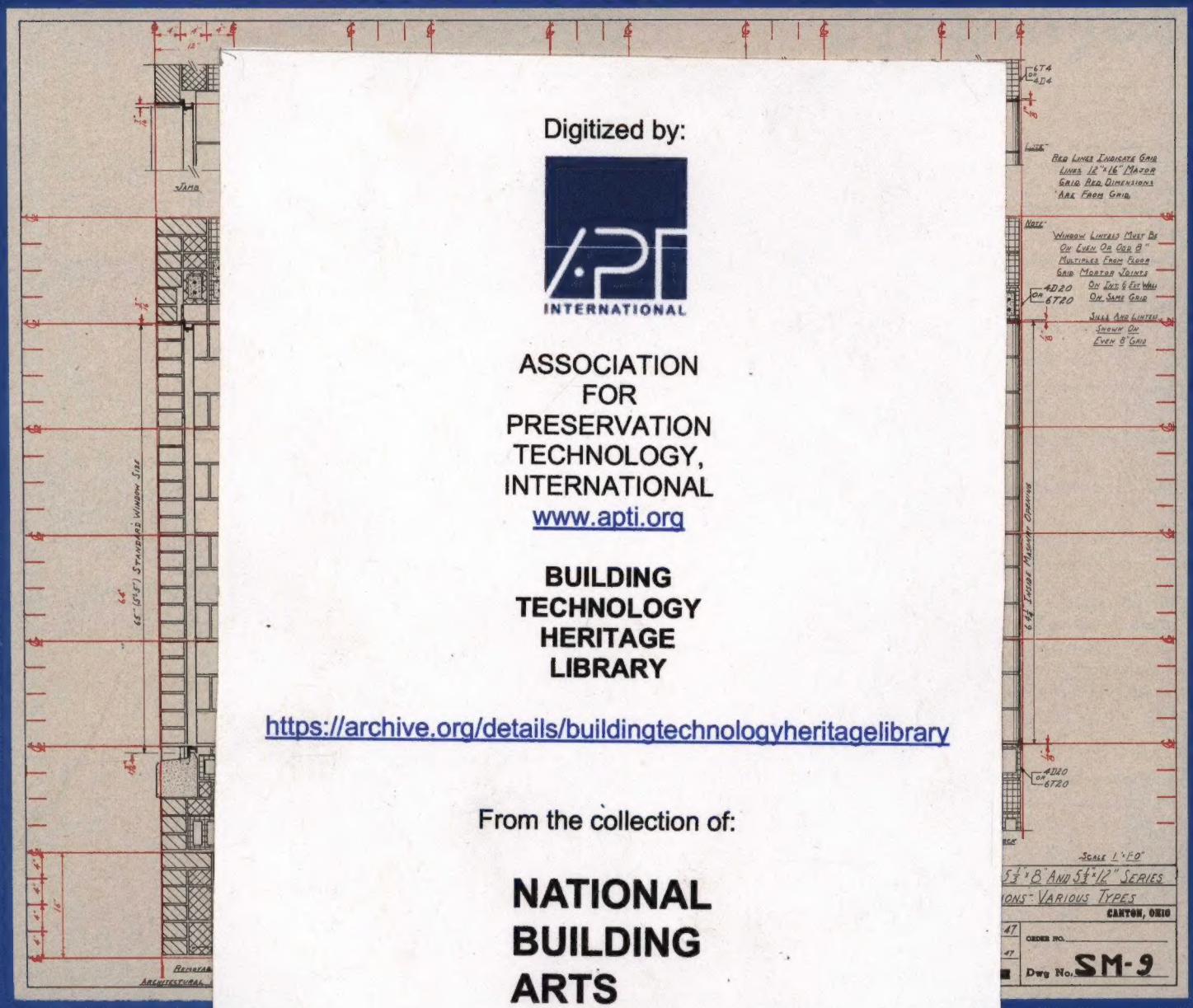
Stark's Brochure on Modular Masonry


Red Lines Indicate Grid Lines 12"x16" Major Grid Red Dimensions Are From Grid
Window Lintels Must Be On Even Or Odd 8" Multiples From Floor Grid Mortar Joints On Int & Ext Wall On Same Grid
Sills And Lintels Shown On Even 8" Grid
Scale 1"=1'-0"
5⅓"x8" And 5⅓"x12" Series
Various Types
Canton, Ohio
Dwg No. SM-9

The above draw… of construc-
tion and variou… eduction of a

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